

REPORT OF EXAMINATION

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

☐ Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

☒ Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
September 8, 1992	G2-28622		

NAME			
Dan Forshaw			
ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
PO Box 1922	Sequim	Washington	98382-1922

PUBLIC WATERS TO BE APPROPRIATED

SOURCE  
Well

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
	29	2.7

QUANTITY, TYPE OF USE, PERIOD OF USE  
2.7 Acre-feet per year      Multiple domestic supply      Year-round, as needed

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL  
1,000 feet North and 1,000 feet East of the West quarter corner of Section 13.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION)	SECTION	TOWNSHIP N.	RANGE, (E. OR W.) W.M.	W.R.I.A.	COUNTY
NE¼ SW¼ NW¼	13	30	4W	18	Clallam

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Parcels 1 & 2 of survey recorded in Volume 17 of surveys, page 65, located in the SW¼ of the NW¼ of Section 13, T. 30 N., R. 4 W.W.M. Clallam County, Washington.

DESCRIPTION OF PROPOSED WORKS

A 6" x 126" well.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	March 1, 1998	March 1, 2001

REPORT

BACKGROUND:

Pursuant to Chapters 90.03 and 90.44 Revised Code of Washington (RCW), Dan Forshaw applied for a permit to appropriate public ground water from a well. A withdrawal rate of 29 gallons per minute (gpm) was requested for multiple domestic supply. The application was assigned a priority date of September 8, 1992.

Legal notice of the proposed appropriation was published in *The Sequim Gazette* of Clallam County on October 14 and 21, 1992. No protests were received in response to this notice.

Location and Water System Information

The project site is located approximately one mile west of the City of Sequim in Clallam County. The well currently serves six homes under County approval. Two additional hook-ups are proposed.

Well head elevation:	approximately 150 feet MSL
Well depth:	118 feet
Casing diameter:	6 inches
Static water level:	20 feet (7-5-90)
Screen depth:	106-118 feet

The well is completed in water-bearing sand and gravel underlying strata that include two layers of sandy clay.

INVESTIGATIONS:

In consideration of this application, I reviewed Department of Ecology water right records and well construction logs. Dan Forshaw was contacted by telephone for additional information.

DISCUSSION:

Potential Effects on Existing Rights

The following records of ground-water use are on file with the Department of Ecology:

- Seven water-right certificates authorize a total of 411 gpm and 86 acre-feet per year for sites located within a half mile of the Forshaw well. The nearest of these is located more than a quarter mile to the northwest.
- There are 38 water-right claims recorded for Section 13.
- The logs for numerous wells are recorded for this area. Wells in Section 13 range in depth from 30 to 131 feet.

Most of the neighboring wells are completed in the unconfined aquifer and at approximately half the depth of the Forshaw well. Due to the presence of strata with low hydraulic conductivity, this well is completed in a confined aquifer and it is unlikely that withdrawal for two additional connections will impair existing ground-water rights.

## Regional Considerations

The Forshaw well is located within the Dungeness-Quilcene Water Resources Management Regional Planning Area. Water resource management decisions for this area must be consistent with the recommendations of the Regional Plan.

In order to protect instream flows, shallow wells, and water quality, the regional plan recommends that new wells be completed in deeper, confined aquifers, where possible, until a water-resources study is completed. It also recommends against the proliferation of individual wells.

This is an existing well completed in a water-bearing zone underlying strata of low hydraulic conductivity which should buffer surface waters and shallow wells from the effects of pumping. Approval of this request would discourage additional, shallow wells from being drilled for the two proposed homes at this site.

Although withdrawals from this well and others of similar depth may cumulatively affect surface waters and shallow wells, such affects cannot presently be construed as impairment of existing rights or instream values.

## FINDINGS AND CONCLUSION:

In accordance with Chapters 90.03 and 90.44 RCW, I recommend approval of this application based on my findings that:

- Water is available for appropriation as requested by the applicant.
- The appropriation is a beneficial use.
- Existing rights should not be impaired as a result of the proposed withdrawal.
- The appropriation will not be detrimental to the public welfare.

Furthermore, I find that approval of the proposed appropriation is consistent with the recommendations of the Dungeness-Quilcene Water Resources Management Regional Plan.

## RECOMMENDATIONS:

The applicant's property is located in an area served by the Clallam Irrigation District and does not need a water allocation for lawn and garden irrigation. The water requirement for domestic in-house supply should not exceed an average of 300 gallons per day per home. This amounts to a total requirement of 2,400 gallons per day, or 2.7 acre-feet per year for eight connections.

I recommend approval of this application and issuance of a permit to allow appropriation of 29 gpm and 2.7 acre-feet per year, for multiple domestic supply. The period of use shall be year-round, as needed.

The permit shall be subject to all applicable State laws and regulations and to the following provisions:

### Provisions

The water appropriated under this application will be used for public water supply. The State Board of Health rules require public water supply owners to obtain written approval from the Office of Water Supply, Department of Health, Mail Stop 7822, Building 3, Olympia, Washington 98504-7822, prior to any new construction or alterations of a public water supply system.

Installation and maintenance of an access port as described in WAC 173-160-355 is required. An air line and gauge may be installed in addition to the access port.

An approved metering device shall be installed and maintained in accordance with RCW 90.03.360, WAC 508-64-020 through -040 (installation, operation, and maintenance requirements are attached). Meter readings shall be recorded at least monthly.

Issuance of this water right may be subject to implementation of the minimum requirements established in the Conservation Planning Requirements, Guidelines and Requirements for Public Water Systems Regarding Water Use Reporting, Demand Forecasting Methodology, and Conservation Programs, July 1994, and as revised.

Under RCW 90.03.005 and 90.54.020(6), conservation and improved water-use efficiency must be emphasized in the management of the State's water resources, and must be considered as a potential new source of water.

Accordingly, as part of the terms of this water right, the applicant may be required to prepare and implement a water-conservation plan approved by Department of Health. The standards for such a plan may be obtained from either the Department of Health or the Department of Ecology.

"The applicant is advised that notice of Proof of Appropriation of water (under which the final certificate of water right is issued) should not be filed until the permanent distribution system has been constructed and that quantity of water allocated by the permit has been put to full beneficial use."

REPORTED BY: Maia Felt Date: February 13, 1996

The statutory permit fee for this application is \$20.00.